



App No.: 3336.1003-000
Title: "Front Panel Serving as Extraction"
Inventor: Eric T. Bovell

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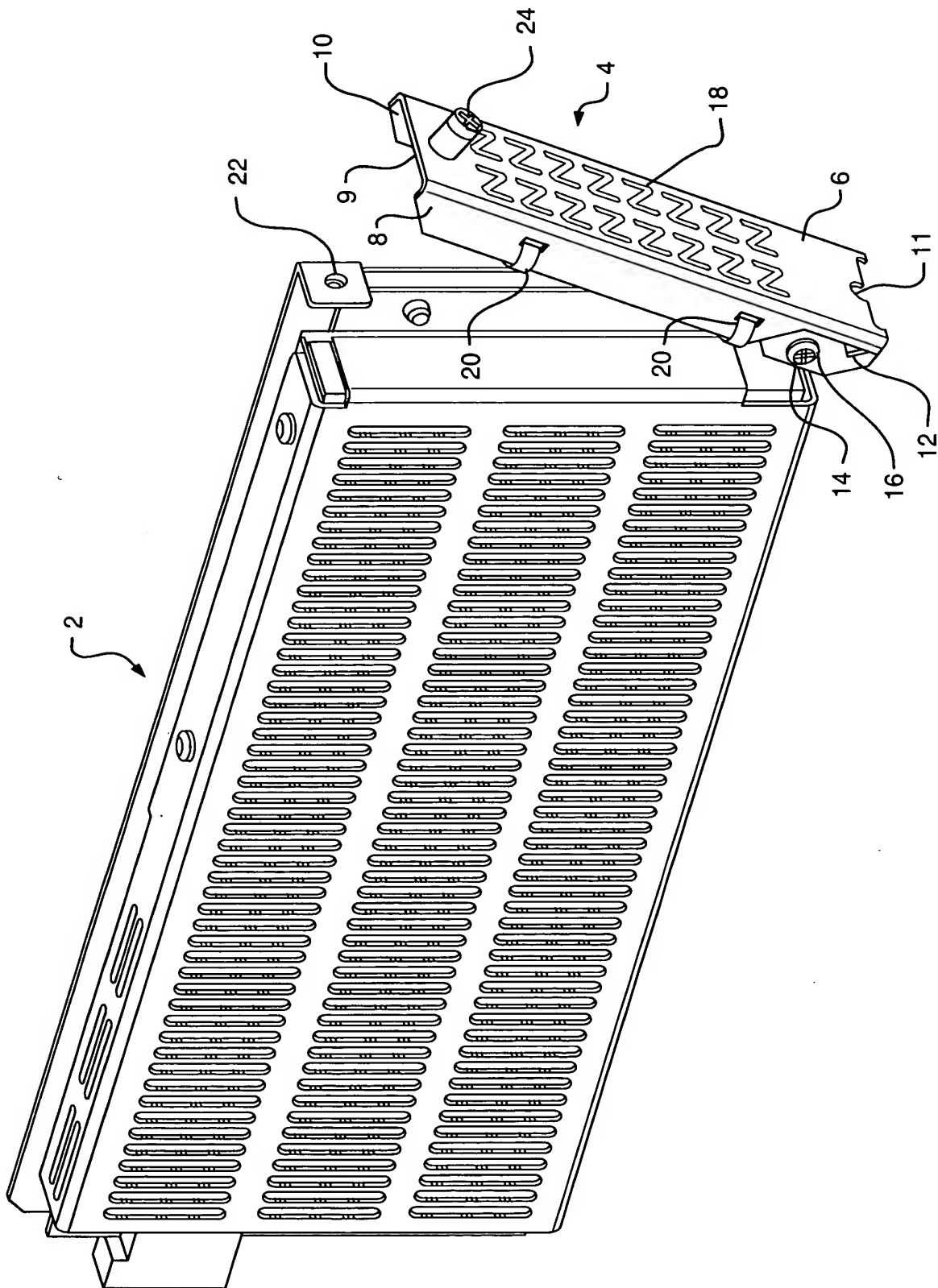


FIG. 1



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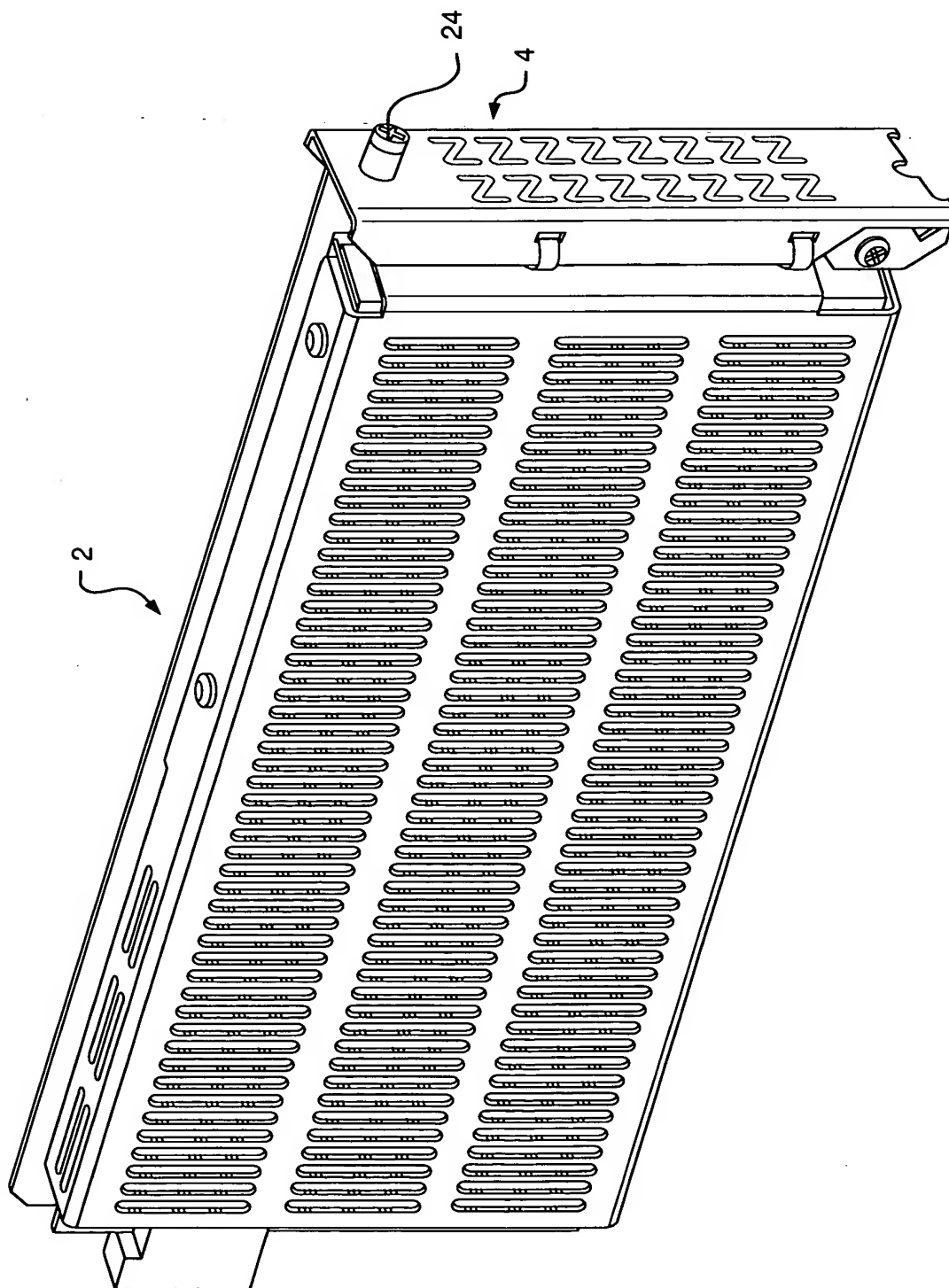


FIG. 2



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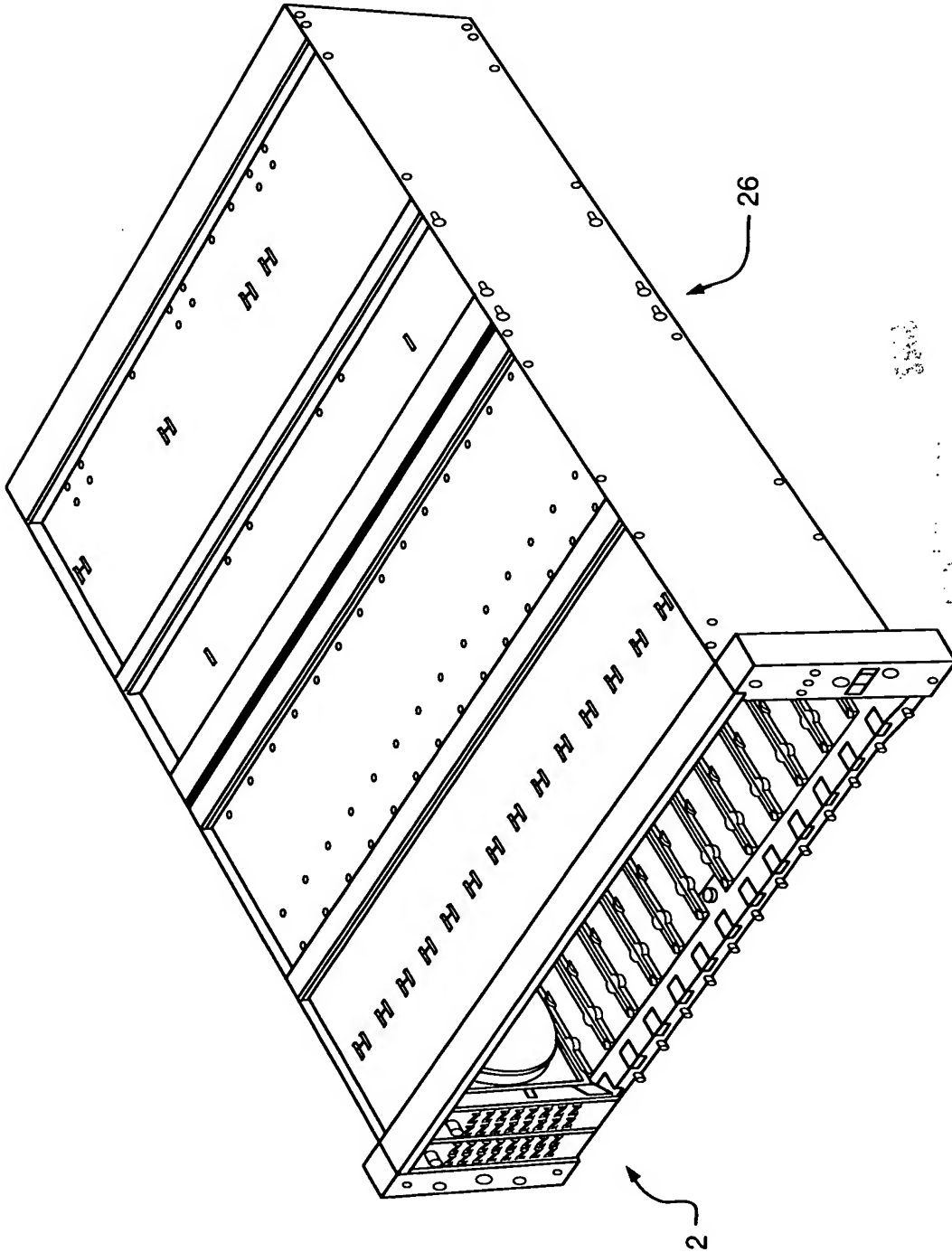
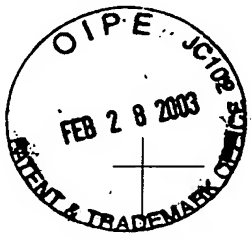


FIG. 3



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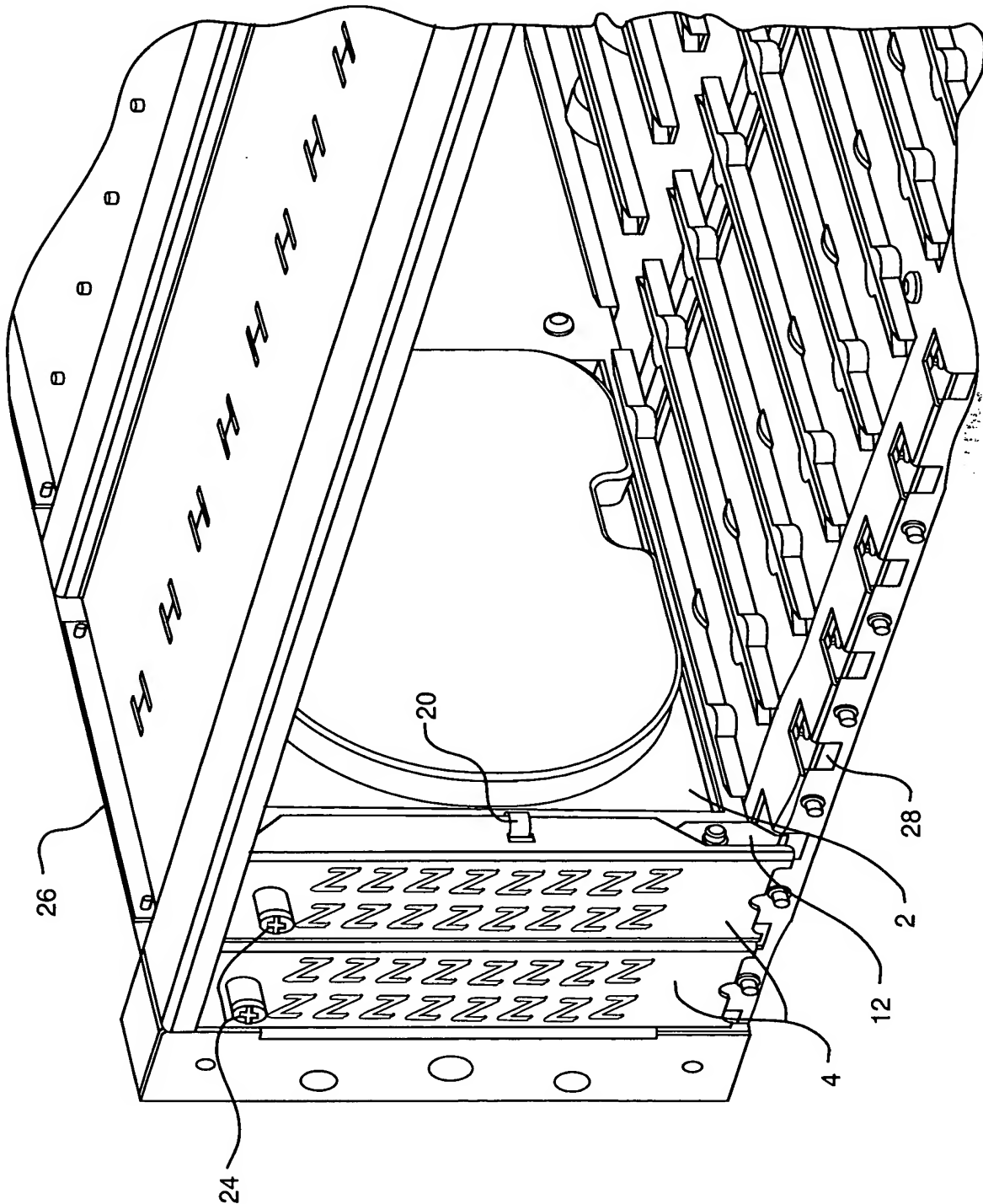


FIG. 4



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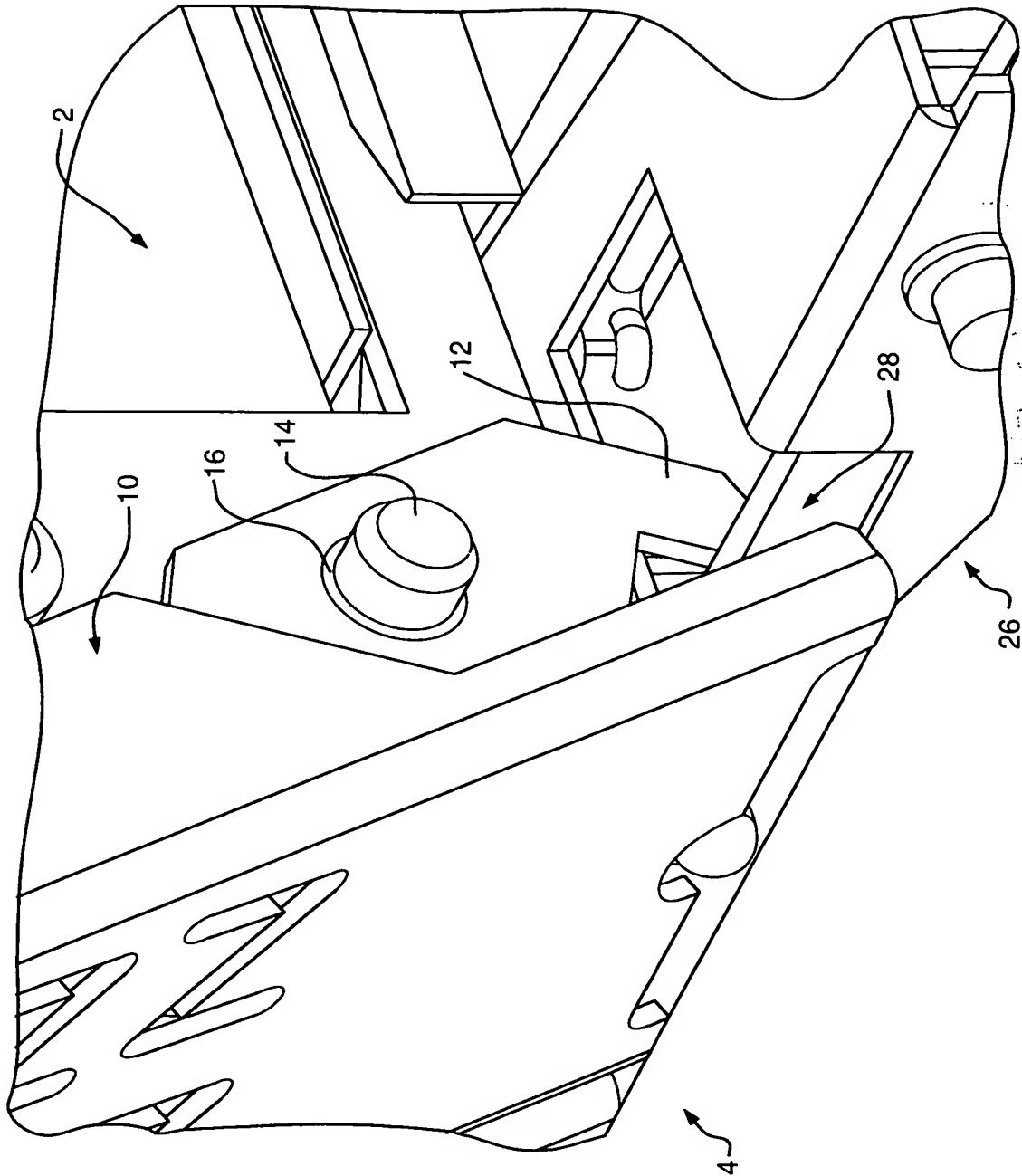
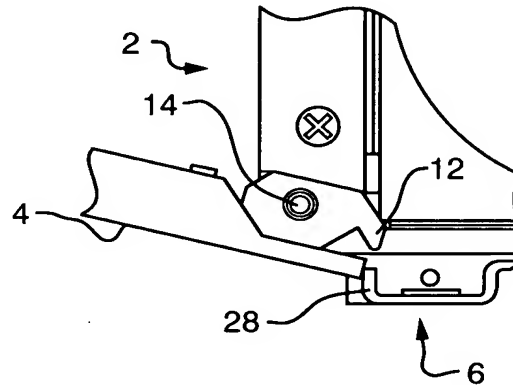


FIG. 5



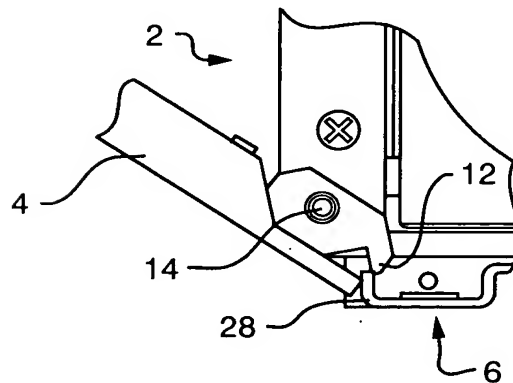
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STEP 1: WITH FRONT PANEL OPEN,
MODULE SLIDES IN UNTIL OUTER TIPS
OF FRONT PANEL CONTACT OUTER
SURFACE OF CHASSIS LIP.

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FIG. 6A

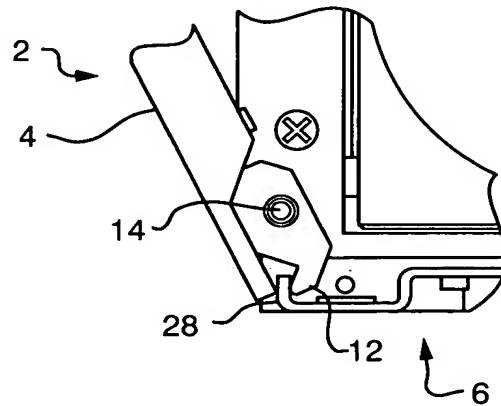


STEP 2: FRONT PANEL IS ROTATED
TO BEGIN ENGAGEMENT OF INNER
TIPS AGAINST INNER SURFACE OF
CHASSIS.

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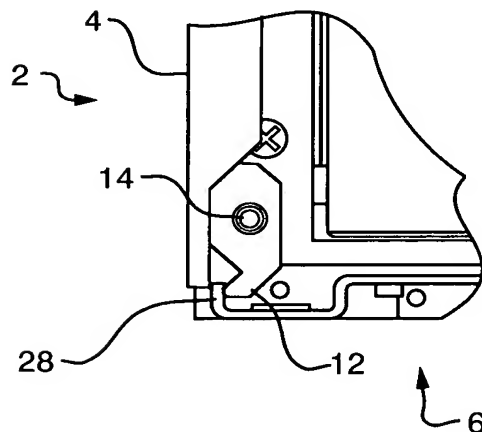
FIG. 6B

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STEP 3: AS FRONT PANEL IS
 ROTATED, INNER TIPS PUSH
 AGAINST INNER SURFACE OF
 CHASSIS LIP TO FORCE SLED
 TOWARD MATING CONNECTOR.
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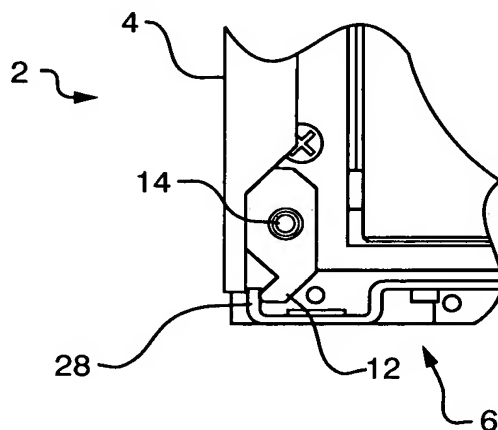
FIG. 6C



STEP 4: FULL INSERTION IS
 OBTAINED AFTER TOP OF PANEL
 CONTACTS SLED FRAME. WHERE
 CAPTIVE FASTENER CAN BE
 SECURED TO PREVENT MOVEMENT.
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FIG. 6D

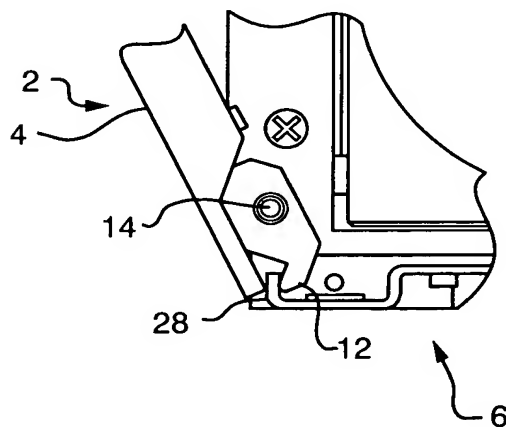




STEP 1: CAPTIVE FASTENER AT TOP
OF FRONT PANEL IS LOOSENED
TO ALLOW ROTATION OF
FRONT PANEL.

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FIG. 7A



STEP 2: FRONT PANEL FREELY
ROTATES UNTIL OUTER TIPS
CONTACT OUTER SURFACE OF
CHASSIS LIP.

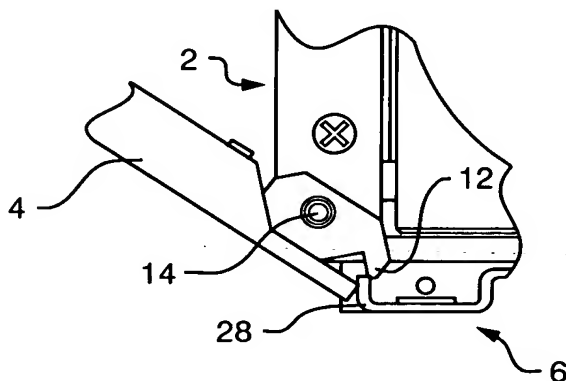
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FIG. 7B



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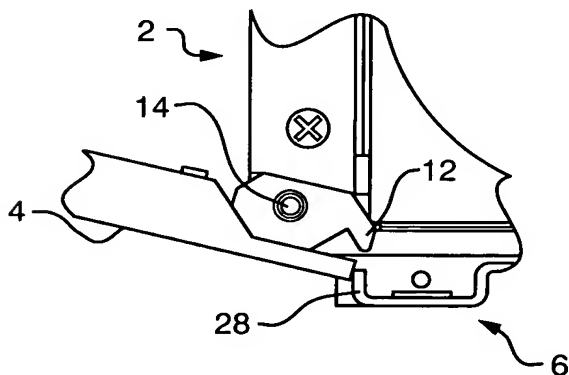
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STEP 3: AS FRONT PANEL
CONTINUES TO ROTATE, MODULE IS
FORCED OUT OF THE MATING
CONNECTOR BY THE FORCE OF THE
OUTER TIPS AGAINST THE OUTER
SURFACE OF THE CHASSIS LIP.

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FIG. 7C



STEP 4: AS SOON AS INNER TIPS OF
FRONT PANEL ARE CLEAR OF
CHASSIS LIP, MODULE FREELY
SLIDES OUT OF CHASSIS.

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FIG. 7D